

REMARKS

Please reconsider the application in view of the above amendments and the following remarks. Applicant thanks the Examiner for carefully considering this application.

Disposition of Claims

Claims 1-11 are pending in the present application. Claims 1, 2, 4-9, and 11 are independent. The remaining claims depend, directly or indirectly, from claims 2 and 9.

Specification Amendments

Applicant notes that two copies of page 16 of the Specification may have been submitted with the application as filed. Applicant respectfully requests, if two copies of page 16 were submitted, that the second page 16 be deleted from the Specification.

Claim Amendments

Claims 1-11 have been amended by way of this reply to improve the grammar of the claims and to conform to U.S. practice. No new matter has been added by way of these amendments. For the Examiner's convenience, a clean version of the amendments to the claims is included.

Objection(s)*Recitation of “said detection region”*

The claims are objected to for reciting “as said detection region.” By way of this reply, claims 1, 2, and 4 have been amended to clarify that one or more objects are placed in said detection region. For example, claim 1 has been amended to clarify that “placing a reflector reflecting the radio wave in said detection region.” Thus, as amended, claims 1, 2, and 4 require an object to be placed in the detection region. A position of the object is then stored into a storage means of the intruding object detecting apparatus as the detection region. For example, with respect to claim 1, the calculated position of the reflector is stored into a storage means of the intruding object detecting apparatus as the detection region of the intruding object detecting apparatus. Accordingly, it is believed that the limitations of claims 1, 2, and 4 regarding the detection region are now clear. Accordingly, withdrawal of this objection is respectfully requested.

Claims 1, 2, 4-9, and 11

Claims 1, 2, 4-9, and 11 are objected to for reciting “(reflection wave).” By way of this reply, claims 1, 2, 4-9, and 11 have been amended to remove this limitation. Accordingly, it is believed that the limitations of claims 1, 2, 4-9, and 11 are now clear. Accordingly, withdrawal of this objection is respectfully requested.

Claims 8 and 9

Claims 8 and 9 are objected to for being unclear. Specifically, the Examiner asserts that it is not clear what a “reflector setting” or a “confirming setting” means. Additionally, the Examiner asserts that the claimed process or method of what is being claimed is unclear. By way of this reply, claims 8 and 9 have been amended to depend from claim 7. Specifically, claim 8 has been amended to clarify that the reflector reflects the radio wave radiated from a transmission antenna of the object detecting apparatus in an almost incident direction of the radio wave with an opposite sign. Claim 9 has been amended to clarify that the transmitter transmits the radio wave having a frequency capable of being received by a reception antenna of the intruding object detecting apparatus. Thus, it is believed that claims 8 and 9 are now clear with respect to what is being claimed. Accordingly, withdrawal of this objection is respectfully requested.

Rejection(s) under 35 U.S.C. § 112

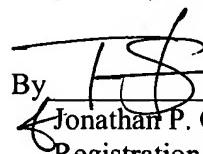
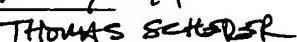
Claims 1-11 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. As discussed above in the “Objections” section, claims 1-11 have been amended in this reply to clarify the present invention recited. Accordingly, Applicant believes any rejections under 35 U.S.C. § 112, second paragraph, are now moot. Thus, amended independent claims 1, 2, 4-7, and 11 are patentable. Claim 3, directly dependent from claim 2, and claims 8-10, directly or indirectly dependent from claim 7, are allowable for at least the same reasons. Accordingly, withdrawal of this rejection is respectfully requested.

Conclusion

Applicant believes this reply is fully responsive to all outstanding issues and places this application in condition for allowance. If this belief is incorrect, or other issues arise, the Examiner is encouraged to contact the undersigned or his associates at the telephone number listed below. Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 15115/087001).

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Respectfully submitted,

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Attachment (Clean Version of Amendments to the Claims)